

**INTERNATIONAL SEARCH REPORT**

International Application No

PCT/EP2004/008786

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 F23R3/40 F23R3/12 F23C11/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F23R F23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	EP 1 359 377 A (ALSTOM SWITZERLAND LTD) 5 November 2003 (2003-11-05) paragraph '0005! paragraph '0007! paragraph '0011! – paragraph '0014! paragraph '0016! figures 1, 2	1-11, 14, 15
P, X	WO 03/072919 A (CATALYTICA ENERGY SYSTEMS INC ;DALLA BETTA RALPH (US); NICKOLAS SA) 4 September 2003 (2003-09-04) paragraph '0074! paragraph '0076! – paragraph '0078! figures 9, 10	1-6
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

11 November 2004

Date of mailing of the international search report

25/11/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/182555 A1 (CARRONI RICHARD ET AL) 5 December 2002 (2002-12-05)	1,2,5-8, 14,15 12,13
Y	paragraph '0009! - paragraph '0012! paragraph '0021! - paragraph '0022! paragraph '0030! - paragraph '0031! figures 1-3 ----- EP 0 832 399 A (SIEMENS AG) 1 April 1998 (1998-04-01) cited in the application paragraph '0020!	12,13
X	EP 0 953 806 A (ROLLS ROYCE PLC) 3 November 1999 (1999-11-03)	1,2,5,6
A	paragraph '0037! - paragraph '0038! paragraph '0047! - paragraph '0052! paragraph '0061! figure 2 -----	7,12-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008786

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1359377	A	05-11-2003	EP US	1359377 A1 2003205048 A1		05-11-2003 06-11-2003
WO 03072919	A	04-09-2003	WO	03072919 A1		04-09-2003
US 2002182555	A1	05-12-2002	EP NO	1255078 A1 20022035 A		06-11-2002 31-10-2002
EP 0832399	A	01-04-1998	DE EP JP RU US WO ES	59604180 D1 0832399 A1 11509307 T 2149317 C1 5950434 A 9641991 A1 2142588 T3		17-02-2000 01-04-1998 17-08-1999 20-05-2000 14-09-1999 27-12-1996 16-04-2000
EP 0953806	A	03-11-1999	EP US	0953806 A2 6237343 B1		03-11-1999 29-05-2001